

AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A low-force release mechanism comprising: a main structure; a trap; a moveable internal spring pin with an internal spring[[,]] to eliminate ordinal locking of the trap; a release pin; at least one trigger; and attachments by which a container is attached to said main structure and said trap, wherein the release pin is configured to be moveable to effect the position of one or more ball bearings or slugs located in the main structure and within an internal geometry of the trap, such that the position of said trap is locked and held; a load force is distributed to the main structure and to the trap away from the release pin; athe trigger to permit application of a low force to move athe release pin; and the one or more ball bearings or slugs interact with the internal geometry of the trap, wherein the one or more ball bearings or slugs retract upon removal of the release pin such that the application of the low force on the trigger causes the internal spring pin and the release pin to move a position of the container.

2. **(Currently Amended)** The low-force release mechanism of claim 1, wherein the release pin and at the least one or more ball bearings lock and hold the position of the trap.

3. **(Withdrawn)** The low force release mechanism of claim 1, further comprising at least one roller slug to lock and hold the position of the trap.

4. **(Canceled)**

5. **(Previously Presented)** The low-force release mechanism of claim 1, further comprising a hanger.

6. **(Currently Amended)** A low-force release mechanism comprising: a main structure; a trap; a moveable internal spring pin with an internal spring[[,]] to eliminate ordinal locking of the trap; a release pin; a movable hanger through which force can be applied to move the position of the internal spring pin or receive force applied by the main structure

as a point of external attachment; at least one trigger; and attachments by which a container is attached to said main structure and said trap, wherein the release pin is configured to be moveable to effect the position of one or more ball bearings or slugs located in the main structure and within an internal geometry of the trap, such that the position of said trap is locked and held; a load force is distributed to the main structure and to the trap away from the release pin; atthe trigger to permit application of a low force to move athe release pin; and the one or more ball bearings or slugs interact with the internal geometry of the trap, wherein the one or more ball bearings or slugs retract upon removal of the release pin such that the application of the low force on the trigger causes the internal spring pin and the release pin to move a position of the container.

7. **(Currently Amended)** A low-force release mechanism comprising: a main structure; a trap; a moveable internal spring pin with an internal spring[[,]] to eliminate ordinal locking of the trap; a release pin; at least one trigger; and attachments by which a container is attached to said main structure and said trap, wherein the release pin is configured to be moveable to effect the position of one or more ball bearings or slugs in an internal geometry of the trap, such that the position of said trap is locked and held; a load force is distributed away from the release pin; atthe trigger to permit application of a low force to move athe release pin; a lift spring that can move the internal spring pin; and the one or more ball bearings or slugs interact with the internal geometry of the trap, wherein the one or more ball bearings or slugs retract upon removal of the release pin such that the application of the low force on the trigger causes the internal spring pin and the release pin to move a position of the container.

8. **(Previously Amended)** The low-force release mechanism of claim 1, wherein the container is selected from the group consisting of: a bag, a box, a collapsible box, and a net.

9. **(Currently Amended)** A low-force release mechanism comprising: a main structure; a trap; a moveable internal spring pin with an internal spring[[,]] to eliminate ordinal locking of the trap; a release pin; at least one trigger; and attachments by which a

container is attached to said main structure and said trap, wherein the release pin is configured to be moveable to effect the position of one or more ball bearings or slugs located in the main structure and within an internal geometry of the trap, such that the position of said trap is locked and held; a load force is distributed to the main structure and to the trap away from the release pin; a trigger to permit application of a low force to move a the release pin; and the one or more ball bearings or slugs interact with the internal geometry of the trap, wherein the one or more ball bearings or slugs retract upon removal of the release pin such that a user pulling on the string attached to the trigger causes the internal spring pin and the release pin to move a position of the container , such that the container collapses releasing its contents.

10. (Canceled)

11. (Currently Amended) A low-force release mechanism comprising: a main structure; a trap; a moveable internal spring pin with an internal spring[[.]] to eliminate ordinal locking of the trap; a release pin; at least one trigger; and attachments by which a container is attached to said main structure and said trap, wherein the release pin is configured to be moveable to effect the position of one or more ball bearings or slugs located in the main structure and within an internal geometry of the trap, such that the position of said trap is locked and held; a load force is distributed to the main structure and to the trap away from the release pin; a trigger to permit application of a low force to move a the release pin; and a trap spring and one or more ball bearings or slugs interact with the geometry of the trap, wherein the one or more ball bearings or slugs retract upon removal of the release pin such that the application of the low force on the trigger causes the internal spring pin and the release pin to move a position of the container.